

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

David K. BIEGELSEN

Application No.: New U.S. Patent Application

Filed: March 16, 2004

Docket No.: 119098

For: HYPERSONIC TRANSDUCER

INFORMATION DISCLOSURE STATEMENT

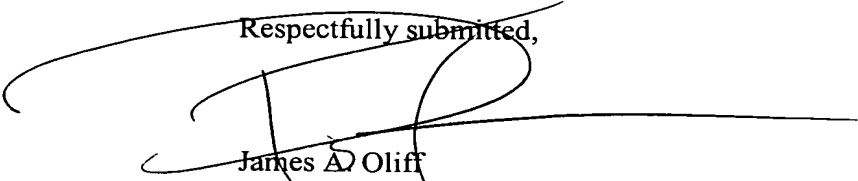
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.
- ☒ 3. The Examiner's attention is directed to U.S. Application entitled "Focused Hypersonic Communication" filed on the same date by the same inventor, David K. Biegelsen and directed to related subject matter as instant application.

Respectfully submitted,


James A. Oliff
Registration No. 27,075

Paul Tsou
Registration No. 37,956

JAO:PT/emt
Date: March 16, 2004

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 24-0037
--

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 119098		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT David K. BIEGELSEN			
				FILING DATE March 16, 2004			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	5,889,870	03/30/1999	Norris			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	2	Carnett, "Grand Award Winner Hypersonic Sound, 15 th Annual Best of What's New General Tech," Popular Science, pp. 94 and 130, December 2002					
	3	Croft et al. "Theory, History, and the Advancement of Parametric Loudspeakers, A Technology Overview," American Technology Corporation, pp. 1-27, 2001					
	4	Masahide et al., "The audio spotlight: An application of nonlinear interaction of sound waves to a new type of loudspeaker design," J. Acoust. Soc. Am. 73 (5), pp. 1532-1536, May 1983					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: March 16, 2004